

Alexandria, Louisiana to the Gulf of Mexico



- **Study Status:**

FCSA was executed in 2003 and amended in 2004 to add a joint sponsor.

Feasibility Study is scheduled to complete Sep 2007.

- **Study Cost:** \$4.1M

- **FY 06 Budget:** \$450k

- **FY 06 Funds Required:** \$450k

- **Study Issues:** None





Project Fact Sheet

U.S. Army Corps of Engineers
New Orleans District, CEMVN-PM-M
P.O. Box 60267
New Orleans, LA 70160-0267

Date: March 2005

Alexandria, Louisiana, to the Gulf of Mexico Feasibility Study

STUDY AUTHORITY: This study was authorized by a resolution of the Committee of Transportation and Infrastructure of the U. S. House of Representatives, adopted July 23, 1997.

STUDY SPONSOR: The Feasibility Cost Sharing Agreement was executed April 14, 2003 and the Rapides Parish Gravity Drainage District No. 1 is the present sponsor for the first phase of the study, that is addressing flooding problems in the vicinity of Alexandria. The FCSA was amended 3 May 2004 to include the Louisiana Department of Transportation and Development as a joint sponsor.

STUDY AREA: The original study area is the drainage basin for West Atchafalaya Basin Floodway Levee (WABPL) intercepted drainage system. It has an area of about 1,700 square miles extending through nine parishes from Alexandria, Louisiana, to the Gulf of Mexico. The area has been significantly reduced in the study process to include only a small area in the vicinity of Alexandria, LA.

STUDY PURPOSE: The primary purpose of the study is to address flooding problems in the area drained by the intercepted drainage system of the West Atchafalaya Basin Protection Levee, between Alexandria, Louisiana, and the Gulf of Mexico. The study authority also includes other study purposes, such as irrigation water supply.

PROBLEMS/INVESTIGATIONS: The WABPL and the South Bank of the Red River Levee prevent flooding from the Red River Backwater Area and the Atchafalaya Basin Floodways. The flows intercepted by these levees are diverted to the WABPL intercepted drainage system, which is also a feature of the MR&T Project. Flooding is a major problem throughout the study area and particularly, from Alexandria to the latitude of U.S. Highway 190.

STATUS/STUDY COST: The reconnaissance report and project study plan were approved in June 1999. One economically feasible plan was developed to reduce flood damages in the Alexandria area. The plan provides for the flood control improvements in the Chatlin Lake Canal and diversion of flood flows to the Red River. Due to limited non-Federal funds, the study will be conducted in phases. The first phase will address flooding problems in the Alexandria, Louisiana area. Gravity Drainage District No. 1 of Rapides Parish is the sponsor for the first phase. Based on a preliminary estimate, the study cost is about \$4.0 million, will take about 3 years to complete, and be cost shared on a 50-50 basis. FY 2005 and FY 2006 funds will be used to continue the study. The feasibility study is scheduled to complete September 2007.

PROJECT COST:

Estimated Federal Cost	\$2,000,000
Estimated Non-Federal Cost	\$2,000,000
Total Estimated Study Cost	\$4,000,000

STUDY ISSUES: None